## Index of Claims

| App | licat | ion/ | Cont | rol | No. |
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10/649,832

Examiner

Thomas R. Peeso

Applicant(s)/Patent under Reexamination

NARAYANASWAMI ET AL.

Art Unit .

2132

| <b>√</b> | Rejected | - | (Through numeral)<br>Cancelled | ı | Non-Elected  | A | Appeal   |
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| =        | Allowed  | ÷ | Restricted                     | ı | Interference | 0 | Objected |

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|----------------|----------|----------|--|--------------|---------|--------------|-----------|----------|--|----------------------|----------|----------|----------|----------|--------------|-----------------|----------|---|--|------------------|----------|----------|--------------|-----------------|----------|----------|-----------|----------|----------|----------|----------|
| Cla            | aim      | 3        | ⊱  |              |         | Da           | to        |          |  | $\neg$               | Cla      | im       | Y        |          |              |                 | ate      |   |  | $\neg$           |          | laim     |              |                 |          | _        | ate       | _        |          |          | $\neg$   |
| <del>  "</del> |          | 11       |  | _            | Т       | T            | Ť         | T        |  | Н                    |          |          | 20000    | T        |              | Ť               |          |   | T  | П                |          |          | -            |                 |          | T i      |           | -        |          | 1        | $\dashv$ |
| -              | Original | しつつつ     | Š  |              |         |              |           | ł        |  |                      | =        | Original | Ð        |          |              |                 |          |   |  |                  | -        | Original |              |                 |          |          |           |          |          | İ        |          |
| Final          | ΞĒ       | >        | וכ   |              |         |              | 1         |          |  |                      | Final    | ij       | 0        |          |              |                 |          | ı   |  |                  | Final    | <u>:</u> |              |                 |          |          |           |          |          |          | 1        |
| ш.             | ō        | 1        | 7  |              |         |              |           | İ        |  |                      | LL       | ō        | 3        |          |              |                 |          |   |  |                  | ш.       | Ιō       |              |                 |          |          |           |          |          |          |          |
|                | <u> </u> | 2        | <u>¥</u>                                       | +            | -       |              | +         | $\bot$   | $\bot$   | Щ.                   | .        |          | 77       | <u>L</u> | Ш            |                 | $\dashv$ | $\dashv$  | <b>↓</b> —   | $\vdash$         |          | !        | <u> </u>     | $\Box$          | _        |          |           |          | _        | _        |          |
|                | 1:       | 7        | +  | 1            | ╄       | 4_           | ╀         | +        | <u> </u>   | Щ                    | ļ        | 511      |          | <u> </u> | Ш            | $\perp$         |          |   | Д_   | Ш                | <u> </u> | 101      | <u> </u>     |                 |          |          |           |          | _        | _        |          |
|                | 2        | 4        | \ <u> </u> _                                   | $\bot$       | 4-      | 4_           | 4         | ╄        | ₩  | Щ                    |          | 52       | Λ        | <u> </u> |              | $\perp$         | $\dashv$ | ᆚ_  | <u> </u>   | $\sqcup$         | <u> </u> | 102      | <u> </u>     |                 |          |          |           |          | _        | _        |          |
|                | 3        | Ц        | ↓_   | $\perp$      | ↓_      |              | $\perp$   | ┸        |  |                      |          | 53       | Ц        |          | Ш            | $\Box$          | $\perp$  | $\bot$  |  | Ш                |          | 103      |              |                 |          |          |           |          | _        | _        |          |
|                | 4        | Ц        | ┸  |              | ┸       |              | ┸         |          |  | Ш                    |          | 54       | Ц        |          |              |                 | $\perp$  |   |  | Ш                |          | 104      |              |                 |          |          |           |          |          |          |          |
|                | 5        | Ц        | $\perp$  | $\perp$      | ┸       |              | _         | 1_       | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | Ш                    |          | 55       | Ш        |          |              |                 | $\perp$  |   |  | Ш                |          | 105      |              |                 |          |          |           |          |          |          |          |
|                | 6        | Ц        | 丄  |              | ┸       |              | $\perp$   |          |  | Ш                    |          | 56       | Ш        | _        |              |                 |          |   |  | Ш                |          | 106      |              |                 |          |          |           |          |          |          |          |
|                | 7        | Ш        | $\perp$  |              | ┸       |              | 上         | ┸        |  | Ш                    |          | 57       |          | _        |              |                 |          | $oldsymbol{\perp}$                                  |  | Ш                |          | 107      |              |                 |          |          |           |          |          |          |          |
|                | 8        | l        |  |              |         |              |           |          |  |                      |          | 58       | 11       | †        |              |                 |          |   |  | Ш                |          | 108      |              |                 |          |          |           |          |          |          |          |
|                | 9        |          |  |              |         |              |           |          |  |                      |          | 59       |          |          |              |                 |          |   |  |                  |          | 109      |              |                 |          |          |           |          |          |          |          |
|                | 10       | Ц        | $\perp$  | Ţ            |         |              | ╧         | ╧        | L  |                      |          | 60       | Ĺ        |          |              |                 | $\Box$   | J   | $oxed{\bot}$   |                  |          | 110      |              | •               |          |          |           |          |          |          |          |
|                | 11       | Π        | $\perp$  |              | Ι       | Ī            | floor     | $I^-$    |  |                      |          | 61       |          |          |              |                 |          |   | $I^{T}$  |                  |          | 111      |              |                 |          |          |           |          |          |          |          |
|                | 12       | П        | T  | Τ            |         | T            | Т         | Τ        |  |                      |          | 62       |          |          |              |                 | T        | T   |  | П                |          | 112      |              |                 |          |          |           |          |          |          |          |
|                | 13       | П        |  |              | T       |              |           |          |  |                      |          | 63       |          |          | П            |                 |          | 丁   |  |                  |          | 113      |              | $\sqcap$        |          |          |           |          |          |          |          |
|                | 14       | П        |  |              |         |              |           |          |  |                      |          | 64       |          | П        |              |                 | $\top$   | $\top$  | T  | П                |          | 114      |              |                 |          |          |           |          |          |          |          |
|                | 15       | П        | T  | T            |         | T            | T         | T        |  |                      |          | 65       | Ī        |          |              |                 |          |   |  | П                |          | 115      |              |                 |          |          |           |          |          |          |          |
|                | 16       | П        | $\top$   | T            | Τ       | $\top$       | Т         | Τ        | П  |                      |          | 66       |          | -        | П            |                 | $\neg$   | 十   | Τ  | П                |          | 116      | П            |                 |          |          | $\neg$    |          |          |          | $\neg$   |
|                | 17       | П        | $\top$   | Τ            | Τ       | T            | $\top$    | 1        | T  |                      |          | 67       |          |          | П            |                 | $\dashv$ | 十   | Τ  | П                |          | 117      |              |                 |          |          | $\Box$    |          |          | T        | П        |
|                | 18       | Ħ        | T  | T            | 1       | T            | T         | T        |  | П                    |          | 68       |          |          |              |                 | T        | ┪   | $\top$   | П                |          | 118      |              |                 |          |          |           |          |          |          |          |
|                | 19       | Ħ        | +  | $\top$       | $\top$  | $\top$       | $\dagger$ | $\top$   | 1  | П                    |          | 69       |          |          | $\vdash$     | $\Box$          | _        | $\top$  | $\top$   | Ħ                | -        | 119      | Н            |                 |          |          |           |          | $\dashv$ | $\neg$   | _        |
|                | 20       | Н        | $\top$   | ╁            | T       | 1            | +-        | +        | 1  | $\Box$               |          | 70       | t        |          |              | $\dashv$        | $\dashv$ | $\top$  | +  | Ħ                |          | 120      |              |                 |          |          |           |          |          | _        |          |
|                | 21       | Ħ        | +  | +            | ╁       | ┪            | +         | 1        | 1  | Ħ                    |          | 71       | 1        |          |              |                 | $\dashv$ | ╅   | +  | Ħ                |          | 121      |              |                 |          |          |           |          | $\dashv$ | -        | -        |
| _              | 22       | H        | +  | +            | +       | +            | +         | +        | t  | Н                    | $\vdash$ | 72       |          | H        | $\vdash$     | $\dashv$        | • 🕇      | $\top$  | +  | $\Box$           |          | 122      |              |                 | _        |          |           | -        | $\neg$   | $\dashv$ | _        |
| <u> </u>       | 23       | H        | +  | +            | ╅╴      | +            | ┿         | ┰        | ┪  | -                    |          | 73       | 1        | ┢╾       | H            | $\dashv$        | $^+$     | +   | +  | Н                |          | 123      |              | $\vdash$        | -        |          |           | $\dashv$ | +        | $\dashv$ |          |
|                | 24       | H        | +  | ╁╾           | +-      | ╅            | +-        | ╁╌       | 1  | -                    |          | 74       | -        | ┢        | $\vdash$     | $\dashv$        | $\dashv$ |   | +  | <del>  -  </del> |          | 124      |              | $\vdash$        | =        |          | $\vdash$  |          | -        | $\dashv$ | _        |
|                | 25       | H        | +  | ┿            | +-      | +-           | +-        | ╁        | +-   | $\dashv$             |          | 75       |          | H        | $\vdash$     | $\dashv$        | $\dashv$ |   | +-   | +                |          | 125      |              | $\vdash$        | $\dashv$ |          | -         | $\dashv$ | $\dashv$ | +        |          |
|                | 26       | Н        | ╁  | +            | +       | ╁            | ╁         | +        | 1  | Н                    | -        | 76       | $\vdash$ | ┢╌       | -            | $\dashv$        | $\dashv$ | ╅   | +  | +                | -        | 126      | $\vdash$     | $\vdash$        | $\dashv$ | $\vdash$ | $\vdash$  | -        | $\dashv$ | $\dashv$ | _        |
|                | 27       | Н        | +  | +            | ╁       | +            | +         | +        | +  | Н                    |          | 77       | ╆        | -        |              | $\dashv$        | +        | +   | +  | Н                | -        | 127      |              | $\dashv$        | $\dashv$ |          | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | _        |
|                | 28       | ╁        | +  | +            | +       | +            | +         | +        | +-   | $\dashv$             |          | 78       | ┢┈       | -        | Н            |                 | $\dashv$ | +   | +  | H                | -        | 128      |              | $\vdash$        | _        | -        | -         | -        | -        | $\dashv$ | —        |
|                | 29       | ╢        | $\vdash$                                       | +            | +       | +            | +         | +        | +  | H                    |          | 79       | -        | -        | -            | $\dashv$        | +        | +   | -  | H                |          | 129      | ┢            | $\dashv$        | -        | -        | -         | -        | -        | $\dashv$ |          |
|                | 30       | H        | +  | +            | +       | +            | +         | +        | +  | $\vdash$             |          | 80       | -        | -        | -            | -               | +        | +   | +  | Н                |          | 130      | -            | Н               | _        |          | -         | -        |          | -        |          |
|                |          | H        | ₩  | ┿            | +       | +            | +         | ╀        | 1  | $\dashv$             |          |          | ⊢        |          | Н            |                 | -+       | +   | +  | Н                |          | 130      |              | Н               | _        | -        |           |          | $\dashv$ | $\dashv$ | _        |
| <u> </u>       | 31<br>32 | H        | ╙  | +            | +       | +            | +         | +        | $\vdash$   | $\vdash\vdash\vdash$ |          | 81<br>82 | 1-       | ┼        |              | $\vdash$        | +        | +   | +  | H                | $\vdash$ | 131      | $\vdash$     | Н               | _        | $\vdash$ | $\vdash$  | $\vdash$ | -        |          |          |
|                |          | $\vdash$ | ₩-   | +            | +       | +            | +-        | +-       | $\vdash$   | $\vdash$             | -        |          | Ͱ        | -        | Н            | $\vdash$        | -+       |   | ╁  | $\vdash$         |          | 132      | $\vdash$     | $\vdash \vdash$ | $\dashv$ | $\vdash$ | $\vdash$  | $\vdash$ | $\dashv$ | $\dashv$ | _        |
| $\vdash$       | 33<br>34 | $\vdash$ | -  | +            | +       | +            | +         | +        | $\vdash$   | Н                    | -        | 83<br>84 | ┼-       | -        | Н            | $\vdash$        | -        |   | +-   | $\vdash$         | -        | 133      | $\vdash$     | $\vdash$        | _        | $\vdash$ | -         |          | $\dashv$ | $\dashv$ | _        |
| -              |          | -        | #  | +            | +       | +            | +         | +        | ₩  | $\vdash$             | -        |          | ├-       | -        | Н            | $\vdash$        | $\dashv$ | +   | +  | $\vdash$         | -        | 134      | $\vdash$     | Н               | _        | $\vdash$ |           | Н        | $\dashv$ | $\dashv$ | _        |
| <u> </u>       | 35       | Н        | Н_   | +            | +       | +            | +         | +        | <del> </del>   | Н                    |          | 85       | $\vdash$ | _        | Н            | $\vdash \vdash$ | -+       | +   | +  | $\vdash$         |          | 135      | $\vdash$     |                 | _        | Н        | $\square$ |          | $\dashv$ | -        | _        |
| <u> </u>       | 36       | Н        | 4  | +            | $\perp$ | $\perp$      | +         | ╁        | <b>├</b>   | Н                    | <u> </u> | 86       | 1        | <u> </u> | Н            | $\sqcup$        | -+       | +   | 1  | $\vdash$         |          | 136      | $\vdash$     | $\vdash \vdash$ |          | Ш        | $\square$ | Ш        | _        | _        |          |
|                | 37       | Ц        | $\perp$  | -            | 4       | $\bot$       | $\bot$    | 1        | 1  | $\Box$               | <u> </u> | 87       | 1        | <u> </u> | Щ            | $\sqcup$        | _        | 4.  | - -  | Ш                | <u> </u> | 137      | $\vdash$     | Ш               |          |          | _         | $\vdash$ | _        | -        | _        |
|                | 38       | Ц        | 4  | $\bot$       | 1       | 4-           | -         | 1        | $\perp$  |                      | <u> </u> | 88       | ــــ     | _        | Щ            |                 | $\dashv$ | 4   | $\bot$   | Ш                | <u> </u> | 138      | $\vdash$     | Ш               |          | Щ        | $\sqcup$  |          | $\perp$  | _        |          |
| <u> </u>       | 39       | Ц        | $\perp$  | 1_           | $\perp$ | $\perp$      | _         | $\bot$   | $\perp$  | Щ                    | <u> </u> | 89       | 1        | <u> </u> | Щ            | Ш               | _        |   |  | Щ                | <u> </u> | 139      | $oxed{oxed}$ | Ш               |          | Щ        | _         |          | $\Box$   | _        | _        |
|                | 40       | Ц        | 1  | $\perp$      | L       | $\perp$      | $\perp$   | 1        | $oxed{oxed}$   | Ш                    | L        | 90       | 1_       | <u> </u> | $\perp$      | Ц               | $\bot$   |   |  | Ш                |          | 140      | $\vdash$     | Ш               | $\Box$   | Ш        |           |          | _        |          |          |
|                | 41       | Ц        | $\perp$  | 丄            | L       | $\perp$      | $\perp$   | 1        | $\perp$  | Ш                    | <u> </u> | 91       | <u> </u> | _        | $oxed{oxed}$ | Ш               | $\bot$   | $\perp$   |  | Ш                |          | 141      | $\perp$      |                 |          | Ш        | $\Box$    | Щ        | $\perp$  | _        |          |
|                | 42       | Ц        |  |              | 1       |              | $\perp$   |          | ļ.,  | Ш                    | <u> </u> | 92       | <u> </u> | <u> </u> | Ш            |                 |          |   |  | Ш                |          | 142      | $oxed{oxed}$ | Ш               |          | Ш        |           | $\Box$   | $ \bot $ | $\Box$   |          |
| <u> </u>       | 43       | Ц        | $\perp$  | $\perp$      |         |              | $\perp$   |          | <u> </u>   | Ш                    |          | 93       | L        |          | Ш            |                 |          |   | $\perp$  | Ш                |          | 143      |              |                 |          | Ш        |           | Ш        | $\Box$   | _        |          |
|                | 44       | Ц        | $\perp$  |              | Ľ       | $\perp$      |           |          |  |                      |          | 94       | L        |          | $\Box$       |                 | $\Box$   |   |  | Ш                | L        | 144      |              |                 |          |          |           |          |          |          |          |
|                | 45       | П        | $\perp$  | $\prod$      | Γ       | $oxed{oxed}$ | $\prod$   | $\prod$  |  |                      |          | 95       | $\Box$   | L        | $\Box$       |                 |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Gamma}}}$ | $oldsymbol{ol}}}}}}}}}}}}}}$ |                  |          | 145      |              |                 |          |          |           |          |          | [        |          |
|                | 46       | $\prod$  | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$ | $oxed{oxed}$ | Ι       | $\mathbf{I}$ | $\prod$   | $\Gamma$ |  |                      |          | 96       |          |          |              |                 |          |   | $\perp$  |                  |          | 146      |              |                 |          |          |           |          |          |          |          |
|                | 47       | $\prod$  | Т  | T            | Π       | T            | T         | Τ        |  |                      |          | 97       |          |          |              |                 | T        | Τ   | Τ  |                  |          | 147      |              |                 |          |          |           |          |          |          |          |
|                |          | J        | 1  | Τ            |         | T            |           | Τ        |  |                      |          | 98       |          |          |              |                 | ⇉        |   |  |                  |          | 148      |              |                 |          |          |           |          |          | ╝        |          |
|                | 49       | A        | 9  | Τ            |         |              |           | Τ        |  |                      |          | 99       |          |          |              |                 | $\Box$   |   |  |                  |          | 149      |              |                 |          |          |           |          |          | $\Box$   |          |
|                | 50       |          | 4  | Τ            | Τ       |              | Τ         | Ī        |  |                      |          | 100      |          |          |              |                 | T        | T   |  |                  |          | 150      | 匚            |                 |          |          |           |          |          | $\Box$   |          |
|                |          | _        |  | •            | •       |              |           |          |  |                      |          |          |          |          |              |                 |          |   | •  |                  |          |          |              |                 |          |          |           |          |          |          |          |